27240 - Biological Activity of Chemical Compounds

Syllabus Information

Academic Year: 2019/20
Subject: 27240 - Biological Activity of Chemical Compounds
Faculty / School: 100 - Facultad de Ciencias
Degree: 452 - Degree in Chemistry
ECTS: 5.0
Year: 4
Semester: Second semester
Subject Type: Optional
Module: ---

1. General information

1.1. Aims of the course

1.2. Context and importance of this course in the degree

1.3. Recommendations to take this course

2. Learning goals

2.1. Competences

2.2. Learning goals

2.3. Importance of learning goals

3. Assessment (1st and 2nd call)

3.1. Assessment tasks (description of tasks, marking system and assessment criteria)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as:

- lectures (4 ECTS).
- Laboratory sessions (1 ECTS)

4.2. Learning tasks

The course will address the following learning tasks:

- Classroom lectures according to the program described in point 4.3
- Laboratory sessions that include some of the techniques previously explained in classroom lectures.

4.3. Syllabus

The course will address the following topics:


Practical courses: Evaluation of toxicity through a cell proliferation assay and analysis of nuclear morphology. Mutagenicity activity (Ames test).

4.4. Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course, will be provided on the first day of class or please refer to the Facultad de Ciencias web (https://ciencias.unizar.es/grado-en-quimica-0).

4.5. Bibliography and recommended resources